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(54) Title: ANTI-IRRITANTS

(57) Abstract: Alkoxyated esters of dicarboxylic or tricarboxylic acids have an anti-irritating activity measured as a reduction in intracellular leakage of sodium fluorescein of 15% or more at 1:50 dilution or 40% or more at 1:100 dilution from a test composition containing 5% of the alkoxyated ester. These alkoxyated esters are useful in cosmetic and personal care products, especially in products such as baby shampoos, hand dishwashing liquids and bubble bath preparations. A method of reducing irritation provides for application of an irritant with the alkoxyated esters to the subject in a personal care or cosmetic product.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/25448

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 7/42; C07C 69/66, 69/34, 67/00

US CL : 424/59, 60, 65, 66, 67, 68; 560/182, 190, 198, 204; 514/ 785

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 424/59, 60, 65, 66, 67, 68; 560/182, 190, 198, 204; 514/ 785

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WEST: FATTY ALKOXYLATE ESTER AND AROMATIC DICARBOXYLIC ACID ESTERS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y --- X	US 5,597,555 A (PEREIRA et al.) 28 January 1997 (28.01.1997), col. 1, lines 10-23; col 2, lines 10-31; col. 2 ,lines 33-36.	1-3, 60-68, 72-82, 86-88, 92-93 ----- 4-5, 8-19, 22-40, 48-54

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means		
"P" document published prior to the international filing date but later than the priority date claimed	"&"	document member of the same patent family

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